



## Section A - Solicitation/Contract Form

### SPECIFICATIONS

#### 1.2 Acquisition Plan

This initial solicitation will procure OCMs in the first of four planned phases of the program: (I) Laboratory evaluation of the COTS OCMs, (II) Modifying the successful COTS OCM to meet all Navy requirements, (III) Shipboard evaluation of the modified COTS OCM, and (IV) Sole Source acquisition of approximately 280 OCM units (Government option for up to 560 OCM units maximum).

The solicitation will be awarded in phases to verify the capability of the contractor's equipment prior to committing to equipment acquisition. In Phase I, this solicitation may have multiple contract awards (up to three (3) models) based on a best value selection based on the

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#### 1.3 Contract Scope for Phase I Test and Evaluation

This contract is for Phase I of the Project, laboratory evaluation of COTS OCMs. Specific information, which can be found in section 3.1, shall be requested from OCM manufacturers regarding their respective product. Based on the product information received, the "best value" OCM models (3 OCM models maximum) will become the chosen candidates for laboratory evaluation. OCMs (3 OCM units maximum) from each chosen candidate will be purchased for the purpose of laboratory evaluation.

### 3.0 Requirements

#### 3.1 Phase I Requirements

The candidate OCMs considered for evaluation shall meet all of the following criteria:

- (1) Commercially available and in use onboard ships by the close of the solicitation
- (2) Meet the MEPC 107(49) guidelines for bilge alarms
- (3) Accurate at 15 ppm, plus or minus 5 ppm
- (4) Make the correct decision (overboard or recirculate) 90% confidence 90% of the time
- (5) Suitable as a "plug-in" replacement for the Navy's current OCM with minor modifications – dimensions, utilities, I/O, etc
- (6) Meet an acceptable return on investment (ROI) in comparison to the current OCM's procurement and maintenance costs; OCM acquisition cost must be approximately \$5K per unit.

In addition, the following information shall be provided for each candidate OCM: MEPC certificate in full; electronic copies of technical manuals; technology used to measure oil; mechanism of operation; provision to compensate for interferences; sampling technique; calibration requirements; additional certification, support data, usage history; maintenance requirements; lead time for additional

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## 2.0 General

The documents listed below are cited in this specification. In each case, the latest version or revision shall apply. They do not constitute a comprehensive list of waste destruction system design specifications, but are used herein to define requirements that may be above and beyond existing manufacturing practice. They shall be followed as described within this specification and to the extent that they define best commercial practice.

### 2.1 Government Specifications, Standards, and Handbooks

The latest versions of the following specifications, standards, and handbooks shall be used by the offeror as background and guidance, either mandatory or optional, to meet the military requirements described in this specification.

#### Department of Defense

33 CFR Part 155 – Oil or Hazardous Material Pollution Prevention Regulations for Vessels (Guidance)

33 CFR Part 157 – Rules for the Protection of the Marine Environment Relating to Tank Vessels Carrying Oil in Bulk (Guidance)

46 CFR Part 162 – Engineering Equipment (Guidance)

MIL-S-901 – Grade B Shock Requirements for Shock Tests, Shipboard Machinery, Equipment, and Systems (Mandatory)

MIL-E-15090 – Enamel, Equipment, Light Gray (Formula No. 111) (Guidance)

MIL-I-45208 – Inspection System Requirements (Guidance)

MIL-STD-105 – Sampling Procedures and Table for Inspection by Attributes (Guidance)

MIL-STD-129 – Marking for Shipment and Storage (Guidance)

MIL-STD-167-1 – Mechanical Vibrations of Shipboard Equipment (Type I- Environmental and Type II – Internally Excited) (Mandatory)

MIL-STD-202 – Test Methods for Electronic and Electrical Component Parts (Mandatory)

MIL-STD-461 – Control of Electromagnetic Interference and Emissions and Susceptibility, Requirements (Mandatory)

MIL-STD-462 – Measurement of EMI Characteristics (Guidance)

MIL-STD-777 – Schedule of Piping, Valves, Fittings, and Associated Piping Components for Naval Surface Ships (Mandatory)

MIL-STD-882 – System Safety Program Requirements (Mandatory)

MIL-STD-1399 – Interface Standard for Shipboard Systems (Guidance)

OPNAVINST 5090.1B Change 1, Environmental and Natural Resources Program Manual Department of Navy, Office of the Chief of Naval Operations, Washington, DC 203050 (Guidance)

NAVSEA publication “Shock Design Criteria for Surface Ships, NAVSEA 0908-LP-000-3010, Revision 1”, dated September 1995 (Mandatory)

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	OIL CONTENT MONITORS FFP OIL CONTENT MONITORS - COMMERCIAL OFF-THE SHELF (COTS) FOR THE NAVAL SURFACE WARFARE CENTER CARDEROCK DIVISION. THE OCM'S WILL BE EVALUATED TO DETERMINE THEIR PERFORMANCE, LIFE CYCLE COST, AND SUITABILITY FOR ACCURATE AND RELIABLE MEASUREMENT OF EFFLUENT QUALITY OF "OIL POLLUTION ABATEMENT (OPA) SYSTEMS"; SEE SPECIFICATIONS ON PAGES 2 & 3 OF REQUEST FOR QUOTE. FOB: Origin DWG NR: N/A PURCHASE REQUEST NUMBER: 61217264	1	Lot		
NET AMT					

Section E - Inspection and Acceptance

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	N/A	N/A	N/A	Government

## Section F - Deliveries or Performance

## DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	30-NOV-2006	1	NAVAL SURFACE WARFARE CENTER, CARDEROCK RECEIVING OFFICER CODE 3341, RECEIVING, BLDG 143 9500 MACARTHUR BLVD. WEST BETHESDA MD 20817-5700 301-227-1840 FOB: Origin	N00167

Section G - Contract Administration Data



## Section I - Contract Clauses

## CLAUSES INCORPORATED BY REFERENCE

52.249-8

Default (Fixed-Price Supply &amp; Service)

APR 1984

## CLAUSES INCORPORATED BY FULL TEXT

## PREPAID SHIPMENT—REIMBURSABLE TRANSPORTATION

Transportation charges will be prepaid by the Contractor, subject to reimbursement by the Government. Material will be delivered F.O.B. Supplier's Plant with shipment to be made to Destination(s) specified herein at supplier's expense subject to reimbursement. The transportation cost is to be shown on the same invoice as the supplies are billed but as a separate item. The Contractor agrees to retain related transportation billings paid separately for a period of three years and to furnish such bills to the Government when requested for audit purposes. For obligation purposes only, the transportation cost chargeable to the funds indicated herein is estimated to be \$\_\_\_\_\_.

Your quotation must include the following information:

Price list number and date

or

Cost breakdown by direct labor (list categories, hours and pay rates). In addition to the direct rates, provide the applicable indirect information (G&A), overhead, facilities capital cost of money (FCCM) and profit.

or

Applicable General Services Administration (GSA) contract number.

If unable to quote FOB, Destination, please complete the following:

FOB Point \_\_\_\_\_

Estimated Shipping Charge \_\_\_\_\_

Business size:

Large \_\_\_\_\_ Small \_\_\_\_\_ Nonprofit \_\_\_\_\_

Cage Code \_\_\_\_\_

Tax Identification Number (TIN) \_\_\_\_\_

DUNS \_\_\_\_\_

**ELIGIBILITY REQUIREMENTS**

All contractors and individuals doing business with the Federal Government must be registered at the Contractor Central Registration Database located at: <http://www.ccr.gov/>

**ELECTRONIC DISTRIBUTION OF CONTRACT DOCUMENTS**

(a) The DoD Electronic Document Access (EDA) provides World Wide Web access to documents used to support the procurement, contract administration, bill paying, and accounting processes. EDA is being used by the Naval Surface Warfare Center, Carderock Division to electronically distribute all contract award and contract modification documents, including task and delivery orders. The contractor will be sent a notification email when a contractual document has been uploaded for distribution. The contractor will be required to register as a vendor on the EDA web site (<http://eda.ogden.disa.mil>) in order to view/download their company's contractual documents. The files posted are in .pdf format and may be accessed using Adobe Acrobat Reader. Adobe Acrobat Reader is a free software that may be downloaded at <http://www.adobe.com/products/acrobat/readstep.html>.

(b) Offerors must provide the following information that will be used to make electronic distribution for any resultant contract.

Name of Point of Contact \_\_\_\_\_

Phone Number for Point of Contact \_\_\_\_\_

E-mail Address for Receipt of Electronic Distribution \_\_\_\_\_

**USE OF THE GOVERNMENT-WIDE COMMERCIAL PURCHASE CARD**

Will you accept the Government-wide Commercial Purchase Card as a method of purchasing supplies and/or services.

\_\_\_\_\_ Yes                      \_\_\_\_\_ No

Will you accept the Government wide Commercial Purchase Card as a method of payment for your invoice.

\_\_\_\_\_ Yes                      \_\_\_\_\_ No

**DUTY FREE ENTRY**

Will any materials being shipped to the Government require a duty-free entry certificate for foreign supplies.

\_\_\_\_\_ Yes                      \_\_\_\_\_ No

If yes, please include dollar amount \$ \_\_\_\_\_

Note: The following provision 52.204-8 applies to this solicitation only when the solicitation includes the clause 52.213-4, Terms and Conditions—Simplified Acquisitions (Other Than Commercial Items)

## 52.204-8 Annual Representations and Certifications (Jan 2005)

(a)(1) If the clause at 52.204-7, Central Contractor Registration, is included in this solicitation, paragraph (b) of this provision applies.

(2) If the clause at 52.204-7 is not included in this solicitation, and the offeror is currently registered in CCR, and has completed the ORCA electronically, the offeror may choose to use paragraph (b) instead of completing the corresponding individual representations and certifications in the solicitation. The offeror shall indicate which option applies by checking one of the following boxes:

☐ (i) Paragraph (b) applies.

☐ (ii) Paragraph (b) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(b) The offeror has completed the annual representations and certifications electronically via the Online Representations and Certifications Application (ORCA) website at <http://orca.bpn.gov>. After reviewing the ORCA database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [offeror to insert changes, identifying change by clause number, title, date]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR Clause #	Title	Date	Change
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on ORCA.

(End of provision)